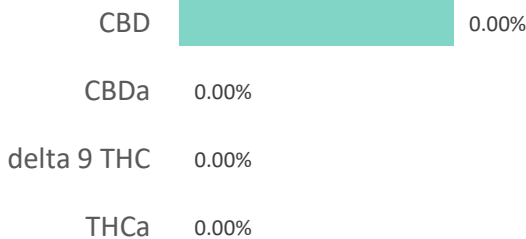
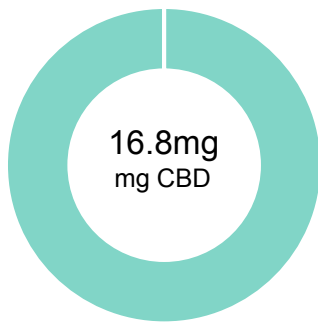


DEFY Orange Mango

Batch ID:	20146	Test ID:	5078504.0059
Reported:	1-Jun-2020	Method:	TM14
Type:	Unit		
Test:	Potency		


CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.20	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	ND	ND
Cannabidiolic acid (CBDA)	0.22	ND	ND
Cannabidiol (CBD)	0.12	16.80	0.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	ND	ND
Cannabinolic Acid (CBNA)	0.28	ND	ND
Cannabinol (CBN)	0.12	0.30	0.0
Cannabigerolic acid (CBGA)	0.18	ND	ND
Cannabigerol (CBG)	0.10	0.20	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.17	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.20	ND	ND
Cannabidivarin (CBDV)	0.11	0.10	0.0
Cannabichromenic Acid (CBCA)	0.15	ND	ND
Cannabichromene (CBC)	0.18	0.70	0.0
Total Cannabinoids		18.10	0.03
Total Potential THC**		ND	ND
Total Potential CBD**		16.80	0.03

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
 * Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
 ** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
 Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
 # of Servings = 1, Sample Weight=521.3g
 N/A

FINAL APPROVAL


 Ryan Weems
 1-Jun-2020
 4:17 PM


 Greg Zimpfer
 1-Jun-2020
 4:23 PM

PREPARED BY / DATE

APPROVED BY / DATE

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DEFY Orange Mango

Batch ID:	20146	Test ID:	6366377.0017
Reported:	1-Jun-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	50 - 2301	ND*	Malathion	298 - 2301	ND*
Acetamiprid	50 - 2301	ND*	Metalaxyl	50 - 2301	ND*
Abamectin	>298	ND*	Methiocarb	50 - 2301	ND*
Azoxystrobin	50 - 2301	ND*	Methomyl	50 - 2301	ND*
Bifenazate	50 - 2301	ND*	MGK 264 1	298 - 2301	ND*
Boscalid	50 - 2301	ND*	MGK 264 2	298 - 2301	ND*
Carbaryl	50 - 2301	ND*	Myclobutanil	50 - 2301	ND*
Carbofuran	50 - 2301	ND*	Naled	50 - 2301	ND*
Chlorantraniliprole	50 - 2301	ND*	Oxamyl	50 - 2301	ND*
Chlorpyrifos	50 - 2301	ND*	Paclobutrazol	50 - 2301	ND*
Clofentezine	298 - 2301	ND*	Permethrin	298 - 2301	ND*
Diazinon	298 - 2301	ND*	Phosmet	50 - 2301	ND*
Dichlorvos	>298	ND*	Prophos	298 - 2301	ND*
Dimethoate	50 - 2301	ND*	Propoxur	50 - 2301	ND*
E-Fenpyroximate	50 - 2301	ND*	Pyridaben	50 - 2301	ND*
Etofenprox	50 - 2301	ND*	Spinosad A	50 - 2301	ND*
Etoxazole	298 - 2301	ND*	Spinosad D	298 - 2301	ND*
Fenoxycarb	>50	ND*	Spiromesifen	>298	ND*
Fipronil	50 - 2301	ND*	Spirotetramat	>298	ND*
Flonicamid	50 - 2301	ND*	Spiroxamine 1	50 - 2301	ND*
Fludioxonil	>298	ND*	Spiroxamine 2	50 - 2301	ND*
Hexythiazox	50 - 2301	ND*	Tebuconazole	298 - 2301	ND*
Imazalil	298 - 2301	ND*	Thiacloprid	50 - 2301	ND*
Imidacloprid	50 - 2301	ND*	Thiamethoxam	50 - 2301	ND*
Kresoxim-methyl	50 - 2301	ND*	Trifloxystrobin	50 - 2301	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


Tyler Wiese
 1-Jun-2020
 4:43 PM

PREPARED BY / DATE



Greg Zimpfer
 1-Jun-2020
 5:12 PM

APPROVED BY / DATE

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DEFY Orange Mango

Batch ID:	20146	Test ID:	T000077998
Reported:	2-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	78 - 1569	*ND
Butanes (Isobutane, n-Butane)	157 - 3148	*ND
Methanol	49 - 973	*ND
Pentane	67 - 1341	*ND
Ethanol	65 - 1305	*ND
Acetone	80 - 1602	*ND
Isopropyl Alcohol	84 - 1679	*ND
Hexane	5 - 97	*ND
Ethyl Acetate	80 - 1604	*ND
Benzene	0.2 - 3.2	*ND
Heptanes	73 - 1457	*ND
Toluene	15 - 292	*ND
Xylenes (m,p,o-Xylenes)	107 - 2144	*ND


* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL


 Ryan Weems
 2-Jun-2020
 12:13 PM

PREPARED BY / DATE


 Ben Minton
 2-Jun-2020
 3:37 PM

APPROVED BY / DATE

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Certificate #4329.02

DEFY Orange Mango

Batch ID:	20146	Test ID:	T000078001
Reported:	2-Jun-2020	Method:	TM19
Type:	Unit		
Test:	Metals		

HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.059 - 5.89	ND
Cadmium	0.060 - 6.03	ND
Mercury	0.054 - 5.43	ND
Lead	0.058 - 5.79	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL



Ryan Weems
2-Jun-2020
12:26 PM

PREPARED BY / DATE



Ben Minton
2-Jun-2020
5:25 PM

APPROVED BY / DATE

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DEFY Orange Mango

Batch ID:	20146	Test ID:	T000077999
Reported:	1-Jun-2020	Method:	Edible - Test Methods: TM05, TM06
Type:	Edible		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
<i>E. coli</i>	None Detected
<i>Salmonella</i>	None Detected

* CFU/g = Colony Forming Unit per Gram


** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter
TYM: None Detected
Total Aerobic: None Detected
Coliforms: None Detected

FINAL APPROVAL


Mara Miller
1-Jun-2020
2:59 PM
Greg Zimpfer
1-Jun-2020
5:19 PM

PREPARED BY / DATE

APPROVED BY / DATE

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